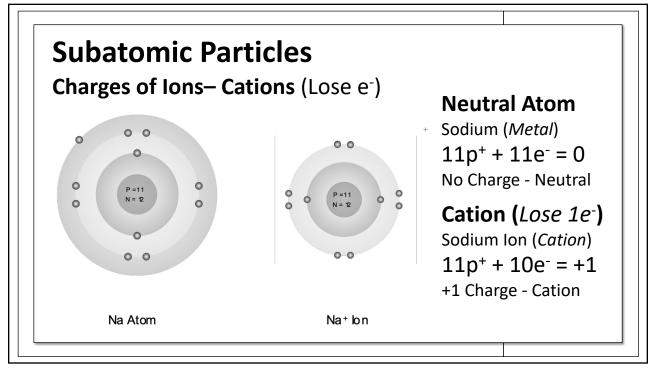
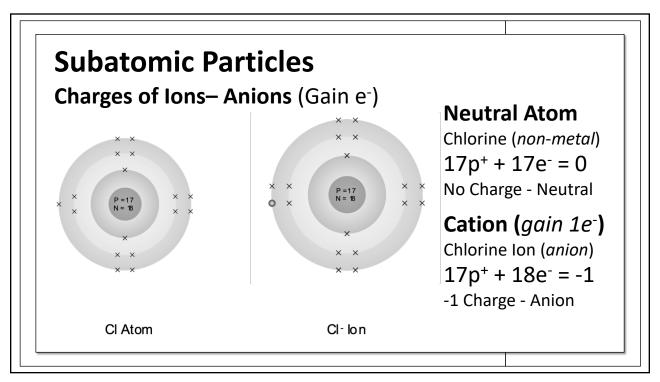


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## **Subatomic Particles**

## **Ion Charge**

Charge of an ion is based on the group on the periodic table

Cation (+ ion): lons formed due to gaining electrons (metals)

Anion (- ion): lons formed due to losing electrons (non-metals)

Group	Val e⁻	Charge	Group	Val e	Charge	Group	Val e	Charge
1A (1)	1	1+	3A (13)	3	3+	6A (16)	6	2-
2A (2)	2	2+	4A (14)	4	4+ / 4-	7A (17)	7	1-
1B - 10B (3 - 12)	2 (Varies)	Varies	5A (15)	5	3-	8A (18)	8	No Charge

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